

Thomson ONE Analytics Add-in User Manual

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About Thomson ONE Analytics Add-in

Thomson ONE Analytics Add-in, a powerful Microsoft® Excel tool, allows you quickly and easily create templates, build models, and analyze Thomson ONE Analytics data. The Thomson ONE Analytics Add-in is fully integrated with the Thomson ONE Analytics Web product and enables you to access the most up-to-date information at all times.

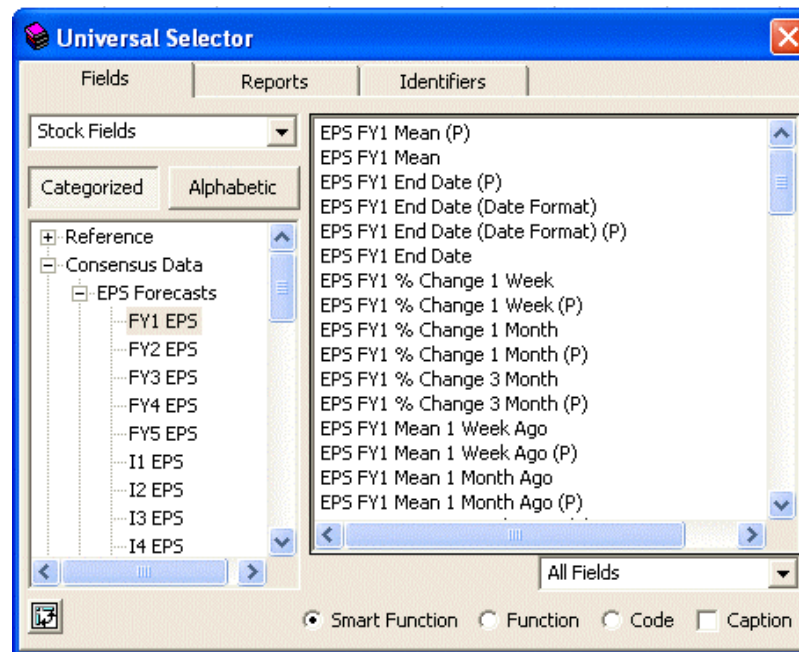
The Add-in includes the following data:

- Global detail and consensus-level estimates, featuring 20 forecast measures
- Historical surprise data and actuals over the past 5 years
- Monthly consensus history data for the past 10 years
- I/B/E/S Global Aggregate forecast data
- Worldscope company accounts data on 35,000 public companies in over 50 markets
- First Call real-time morning notes and analyst research reports
- Data from selected third parties, including Compustat fundamental database

Furthermore, the Add-in is updated on the same frequency as Thomson ONE Analytics, ensuring that your data reflects any changes or updates to the Thomson Financial databases.

The Universal Selector

The Universal Selector allows you to select fields, functions, reports, and entities to add into your Excel spreadsheet. The Universal Selector consists of a Fields tab, a Reports tab, and an Identifier tab.



The Universal Selector

Using the Identifier Tab

The Identifier tab allows you to search for specific identifiers that can be linked to fields or reports to create your own spreadsheet populated with Thomson Financial data. All Identifier Categories are described below. You may also access your Thomson ONE Analytics portfolio and screening criteria entities and embed them in an Excel spreadsheet.

Available Identifier Categories:

The drop-down menu at the top of the Identifiers tab contains a list of all the types of entities accessible via the Thomson ONE Analytics Add-in. The list follows:

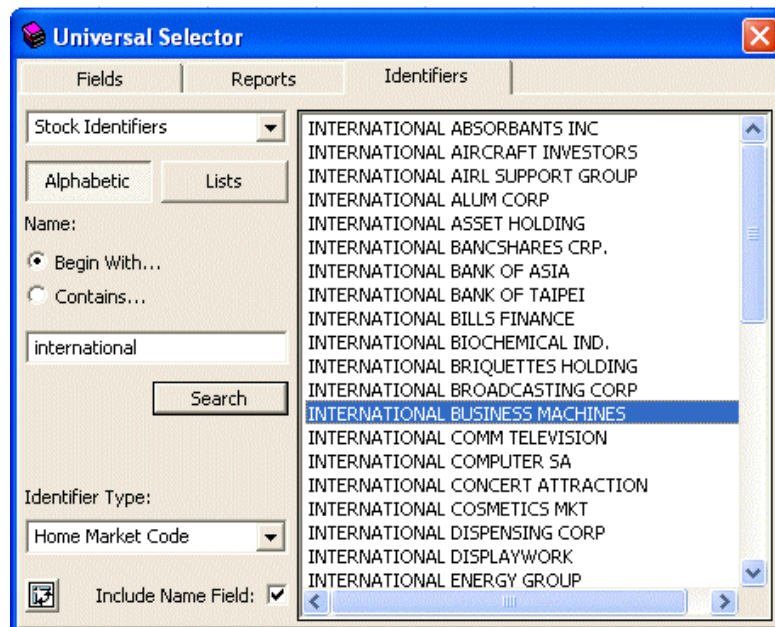
- **Stock Identifiers** – There are several categories of stock identifiers. For all identifier types, see **Appendix B**.
- **Global Aggregates Identifiers** – specifically refer to the Global Aggregate product, for example CAC40.
Note: These are included in the Global Aggregates product and are not a part of the basic subscription.
- **Country Identifiers** – related to country level aggregate data. Use these in combination with the “Country” type fields to retrieve aggregate data for specific countries.
- **Country/Industry Identifiers** – identify a specific country/industry combination, and when used in conjunction with the Country/Industry aggregate fields retrieve aggregate data for the specified Country/Industry combination. For example, United States/Banking identifier is NA0104—a combination of the ISO Country Code and the Industry Code.
- **Country/Sector Identifiers** – identify a specific country/sector combination, and when used in conjunction with the Country/Sector aggregate fields retrieve aggregate data for the specified Country/Sector combination. For example, United States/Energy identifier is NA06—a combination of the ISO Country Code and the Sector Code.
- **Index Identifiers** – identify a specific index and can be used in conjunction with Stock type fields to pull back some pricing and EPS data for a limited set of indices.
- **Currency Identifiers** – allow you to search for a currency code. This code can be used in the TFSingle and TFMulti formulas to convert the default currency to the currency specified.
- **Broker Identifiers** – allow you to search for a specific broker code to retrieve detail broker information, such as specific estimates or analyst names. These are used as arguments in the TFMulti function and in the Coverage List Report under Broker Reports on the reports tab.

Searching for Identifiers Alphabetically:

1. Click the **Thomson** menu tab, and then select **Universal Selector**.
2. Click the **Identifiers** tab.
3. Select your desired category of from the drop-down menu.
4. Search for specific entities by clicking **Alphabetic**.

Note: You may *only* search for an entity by name. For example, to find the identifier for IBM, you could search for “International.”

5. Click your desired search criteria.
 - **Begins With** searches for entities that begin with your search text (as in the example below).
 - **Contains** searches for entities that contain your search text.
6. Click **Search**. The search results display in the right-hand box.




Alphabetical Identifier Entities

7. Select the Identifier Type you want to display in your spreadsheet from the **Identifier Type** drop-down menu.

TIP: For Stock Identifiers the drop-down contains Home Market Code, Bloomberg, Cusip, etc., but for many identifier types there will be only one selection (i.e., Country Identifiers).

8. To enter the entity name and identifier in the spreadsheet, click the **Include Name Field** check box.

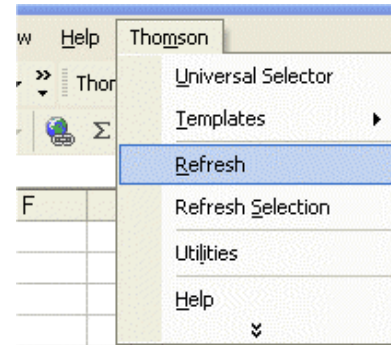
TIP: This will drop the name field into the cell to the right of the identifier. If you want the name field in the cell below the identifier, click the

Transpose  button at the bottom left of the Identifier tab. When the button is depressed, the name will drop below the identifier.

9. Click on the desired entity and drag it to your spreadsheet. Drop the field in the desired cell on your spreadsheet.

TIP: There are two options to refresh the data in your spreadsheet:

- 1) Click the **Thomson** menu tab, and then click **Refresh**. The entire sheet will be refreshed.
- 2) You may also refresh the data in a subset of cells on your spreadsheet. Highlight a group of cells, then click in the **Thomson** menu and select **Refresh Selection**. Only the cells in the highlighted area will be refreshed.



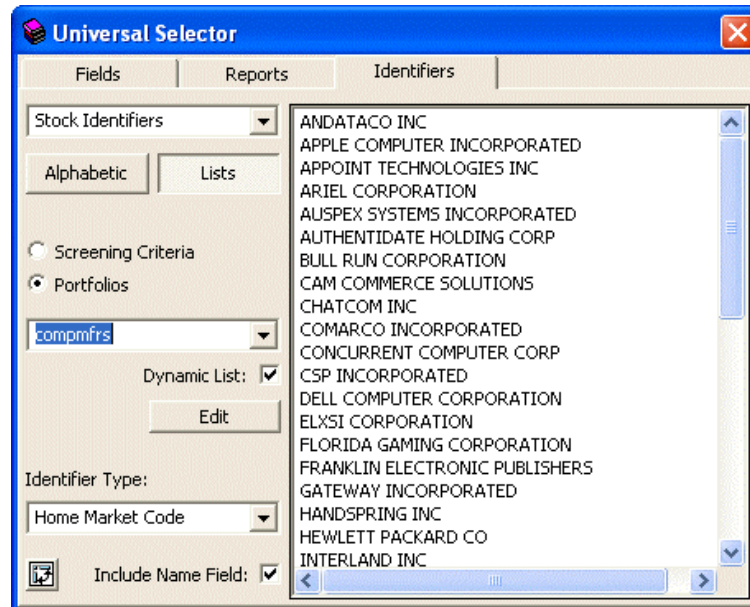
Using Identifier Lists:

The Add-in also links you directly to your Thomson ONE Analytics Screening Criteria and Portfolios, allowing you to create data models on your most frequently used equities. Your screening and portfolio data may be updated by clicking the **Edit** button, where you'll be brought to Thomson ONE Analytics.

To access your identifier lists:

1. Click the **Thomson** menu tab, and then select **Universal Selector**.
2. Click the **Identifiers** tab.
3. Select *Stock Identifiers* from the drop-down menu (currently you may only view lists of equities in Thomson ONE Analytics).
4. Click **Lists** and select either *Screening Criteria* or *Portfolios*, and select your desired list from the drop-down menu.
Once a specific list has been selected, the constituents will appear on the right.

Note: Only a user's private lists will appear in the drop-down menu.



Stock Identifier Lists

5. Select the Identifier Type you would like to display in your spreadsheet from the **Identifier Type** drop-down menu.
6. To add the entity name in the spreadsheet next to the identifier field, click the **Include Name Field** check box.

TIP: The list may be entered onto the sheet vertically or horizontally. The default is a vertical list, but clicking the **Transpose** button enters it horizontally.

7. To embed all of the constituents in your spreadsheet:
 - a. Click the **Dynamic List** check box. (See the Glossary for details.)
 - b. Click on a constituent and drag it to your spreadsheet. All of the constituent members of the list will be embedded in the sheet.
 - c. If this list is edited in any way, the constituents will be refreshed when the data is refreshed.
8. To add a single member of the list to your sheet, click on the desired constituent and drag it to the spreadsheet.

Note: This does not *link* the portfolio or screening criteria to the sheet. Any additions or deletions made to either type of object will *not* be reflected in a sheet built by dragging individual tickers/symbols. Only a sheet created by embedding an entire dynamic list will stay synchronized with Thomson ONE Analytics portfolios or screening criteria.

Using the Fields Tab

The Fields tab allows you to drag and drop specific fields from the Universal Selector into your Excel spreadsheet. You may access different types of fields via this tab.

Available Field Categories:

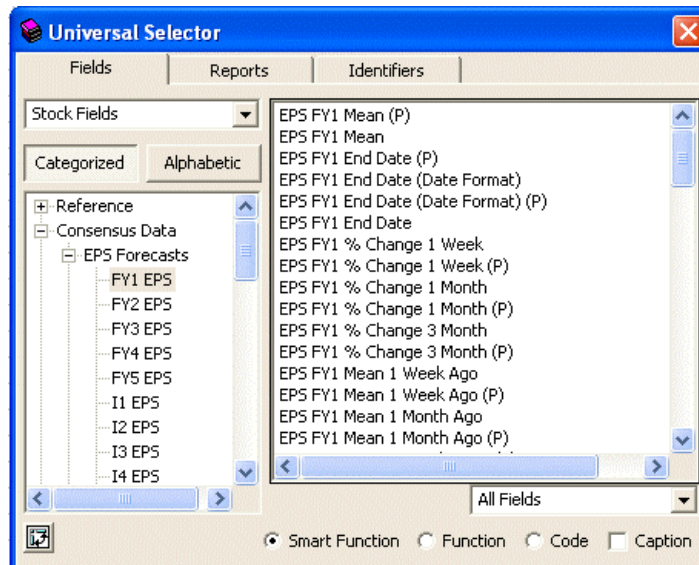
The drop-down menu at the top of the Fields tab contains a list of all the field types accessible via the Add-in. The list follows:

- **Stock Fields** – retrieve information for equities/stocks. Fields included in this category are estimates, fundamentals, etc.
- **Global Aggregates Fields** – specifically refer to the Global Aggregate product, for example to obtain the aggregate FY1 EPS for the CAC40.
Note: These are included in the Global Aggregates product and are not a part of the basic subscription.
- **Country Fields** – related to country level aggregate data. Use these in combination with the “Country” type identifiers to retrieve aggregate data for specific countries.
- **Stock Fields (by Year)** – retrieve estimate and actual data for specific calendar years or fiscal years.
- **Estimate Fields** – pull back detail level estimate data. These fields allow you to create custom detail estimate reports by defining specific brokers.
- **Historical Pricing Fields** – pull back pricing data for specific dates, using both relative and specific dates.
- **Country/Industry Fields** – retrieve aggregate data for a specific country/industry combination when used in conjunction with the Country/Industry aggregate identifiers. For example, you may retrieve the aggregate FY1 EPS for the United States/Banking industry (NA0104).
- **Country/Sector Fields** – retrieve aggregate data for a specific country/sector combination when used in conjunction with the Country/Sector aggregate fields. For example, you may retrieve the aggregate FY1 EPS for United States/Energy (NA06).

Locating a specific field:

Once a field type is selected, users may locate a specific field in two ways (in the example below, “Stock Fields” is selected):

Categorically



The “tree” of categories

When the Categorized button is selected, the Universal Selector displays a “tree” of categories.

Click through the categorized list to find a desired field. See **Appendix A** for explanations of the measure codes (OPR, EBG, etc.).

Alphabetically

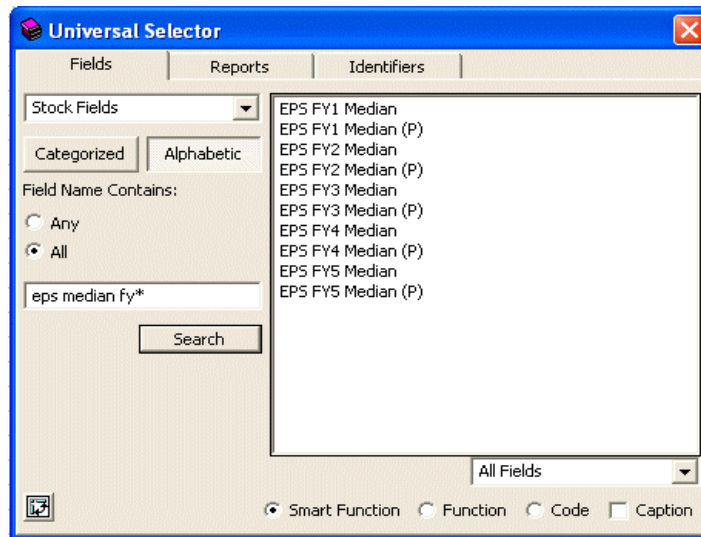
When the Alphabetic button is selected, the Universal Selector displays two radio buttons “Any” and “All” and a box for keyword entry.

You may enter keywords to search for the name of the desired field and select either “Any” or “All”. *Any* will return all fields that contain any of the search words. *All* will return all fields that contain all of the search words.

Note: An Alphabetic search will only return the first 200 items. You should refine your search if possible by selecting the “All” option and including multiple keywords. You may also use wildcard characters in your alphabetic search, such as ‘*’.

Creating an Alphabetical Search:

1. Click the **Thomson** menu tab, and then select **Universal Selector**.
2. Click the **Fields** tab.
3. Click **Alphabetic**.
4. Type your search text in the box.




An Alphabetical Search using a wildcard character

5. Click **Search**. Fields containing the search criteria will appear on the right.

Adding Fields to a Spreadsheet:

1. Click the **Thomson** menu tab, and then select **Universal Selector**.
2. Click the **Fields** tab.
3. Search for a field either *Categorically* or *Alphabetically*.
4. Select either the **Smart Function**, **Function**, or **Field Code** radio button from the bottom of the Universal Selector.
 - **Smart Function** remembers all parameters and eliminates the need to re-enter each time a field is dragged and dropped onto the sheet.
 - **Function** asks you to redefine all parameters (i.e., Identifier, Identifier Type, etc.) each time you drag and drop a field onto your spreadsheet.
 - **Field Code** displays the VFDB code for the field in the spreadsheet instead of data.
5. To include the field name in the spreadsheet, click the **Caption** check box. The field name will be dropped into the cell above the data field.

TIP: If you want to have the caption to the left of the data field, click the **Transpose**  button.

6. Select your desired field and then drag and drop it into your desired cell.
7. One of two parameter boxes will appear, either TFSingle or TFMulti:
 - a. For **Stock**, **Global Aggregates**, **Country**, **Country/Industry**, and **Country/Sector** fields, the **TFSingle** Parameter Box will appear.
 - b. For **Stock Fields (By Year)**, **Estimate Fields** and **Historical Pricing Fields**, the **TFMulti** Parameter Box will appear.
8. Enter your desired parameters and click **OK**.
9. To add another field, repeat steps 1-5.

TFSingle Parameter Box

TFSingle is the formula that pulls data into Excel. The parameters are: Identifier, Field, CE Type, Identifier Type, and Currency.



The TFSingle Parameter Box

- **Identifier:** You may select a specific identifier or indicate a cell reference. Identifiers are symbols that identify a specific stock, aggregate, etc.
- **Field:** The VFDB field name for the selected data item.
- **CE Type:** The compound entity type that indicates the type of field. This will automatically be populated when the field is dropped onto the sheet.
- **Adjustment:** This is a placeholder for adjustment factors to be added in future releases.
- **Identifier Type:** Indicates the type of identifier used in the Identifier parameter. The default for Stock Fields is HOME CODE. To change the default option, see the **Utilities** section of this manual. Homecode is made up of the local market ticker plus the ISO country code. For example, Microsoft is MSFT.US. A list of the ISO country codes is included in the Appendix portion of this document.
- **Currency:** If this is left blank, the data will be returned in the home currency of the company or aggregate. Otherwise, you may enter a specific currency code and all data is converted to that currency.

Notes:

- See **Appendix A** for a list of the country codes associated with Country Fields and the **ISO Country Codes** associated with each country as well.
- See **Appendix B** for a list of the **Identifier Types** associated with Stock Fields that are acceptable in the Thomson ONE Analytics Add-in.
- See **Appendix C** for **Measure Codes**.
- See **Appendix D** for a list of the acceptable **currency codes**, or you may search for a specific currency code in the identifiers tab. You may search for the name of the currency and drag/drop the identifier into your sheet.

TIPS :

- ◆ If you selected Smart Function for your first field, the Add-in will remember all of the parameters. To clear the memory, select **Function** in the Universal Selector and drag a field to your spreadsheet. To reactivate Smart Function click it again.
- ◆ To select multiple fields in the Universal Selector, use either the **CTRL** or **SHIFT** button.
- ◆ To drop multiple fields onto a sheet vertically depress the **Transpose**  button. The default position will drop the fields horizontally.
- ◆ To change any parameters in the TFSingle function, click the Paste Function () and the TFSingle dialog box will appear. Enter your new parameters and click **Go**.
- ◆ To refresh the entire sheet, click the **Thomson** menu and select **Refresh**. Your data will be refreshed.
- ◆ To refresh the data in a subset of cells on your spreadsheet, highlight the group of cells, then click in the **Thomson** menu and select **Refresh Selection**. Only the cells in the highlighted area will be refreshed.

TFMulti Parameter Box

TFMulti is a formula that pulls data into Excel. It accepts a variety of parameters based on the field type. The parameters are: Identifier, Field, CE Type, Identifier Type, and Currency.

The screenshot shows the 'Function Arguments' dialog box for the TFMulti function. The parameters are as follows:

Parameter	Value
Entity Type	"STOCKYEAR"
Field	"S_con_sum_fy_eps"
Currency	"
Adjustment	"
Dimension list	"BLOOM, YEAR"

Below the parameters, it states: 'Returns data for a multiple dimension field.' and 'Entity Type Compound entity type.' At the bottom, it says 'Formula result =' and has a 'Help on this function' link, 'OK' button, and 'Cancel' button.

The TFMulti Parameter Box

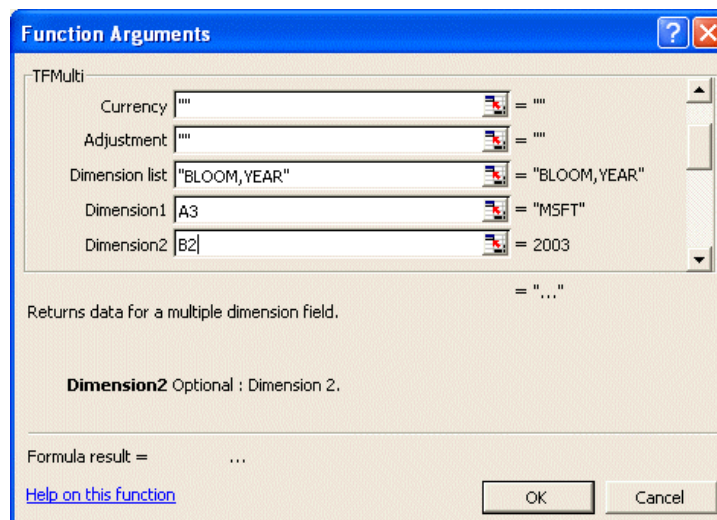
- Entity Type:** Indicates the type of field. This will automatically be populated when the field is dropped onto the sheet. The valid entity types for the **TFMulti** function are:
 - Stock Fields (By Year) – “STOCKYEAR” – “HOMECODE, YEAR”
 - Estimate Fields – “ESTIMATE” – “BROKER, HOMECODE”
 - Historical Price Fields – “TIMESERIES” – “DATE, HOMECODE”
 See **Appendix E** for additional information on the TFMulti Entity Types.
- Field:** The VFDB field name for the selected data item.
- Currency:** If this is left blank, the data will be returned in the home currency of the company or aggregate. Otherwise, you may enter a specific currency code and all data returned will be converted to that currency.
- Adjustment:** This is a placeholder for adjustment factors to be added in future releases.
- Dimension List:** This indicates the parameters required for this specific entity type field. The parameters should be entered into the TFMulti Parameter box in the order they are listed here.
 - Entity: STOCKYEAR – Dimension List: “HOMECODE, YEAR”
 - Dimension1 requires a cell reference to a HOMECODE for a stock, and Dimension2 requires a year (YYYY) to be entered. This Dimension list might also read “BLOOM, YEAR” which indicates a Bloomberg Ticker(Dim1) and a year(Dim2).
 - Entity: ESTIMATE – Dimension List: “BROKER, HOMECODE”
 - Entity: TIMESERIES – Dimension List: “DATE, HOMECODE”

Note: You may change the specific default for Stock Identifier directly in the Dimension List Argument (you must use the acceptable codes found in **Appendix B**) *OR* you may set the default Stock Identifier type in Preferences as explained under the **Utilities** Section of this manual. For a list of all appropriate Dimension Lists, see **Appendix E**.

- **Dimension1, Dimension2, DimensionN:**

- You may select a specific identifier or indicate a cell reference. Identifiers are symbols that identify a specific stock, aggregate, etc.

Note: To view these dimension parameter fields, scroll down inside the TFMulti Parameter Box. See below.



The TFMulti Parameter Box (view once the scroll bar has been clicked twice)

Using the Reports Tab

The Reports tab allows you to drag and drop a pre-defined report from the Universal Selector into your Excel spreadsheet.

Single Identifier Reports focus on a single stock and/or time frame that you select. Some examples are detail estimate and historical price series.

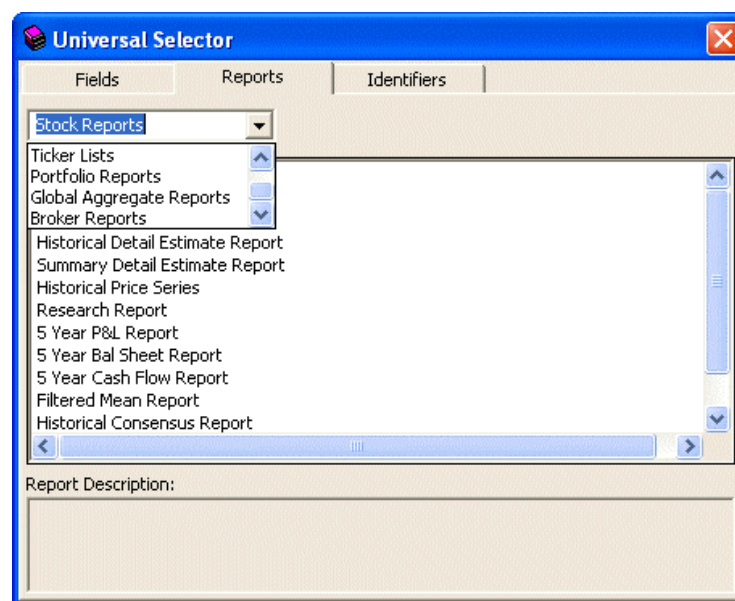
Dataworks Plus Reports only contain a list of reports if you have access to the Dataworks Plus product. Any reports you create in Dataworks Plus are available via the Thomson ONE Analytics Add-in.

Ticker List reports list all of the tickers associated with a specific category. For example, the Country/Industry report lists all of the tickers followed by Thomson Financial within the selected country and industry. The Index reports list all of the constituent companies for a selected index.

Portfolio Reports focus on a user-defined ticker list. Some examples are the Portfolio Recommendation Report and the Portfolio Price Target Report.

Global Aggregate Reports pull in data relating to a specific Global Aggregate, for example the CAC40. You can access the monthly historical Global Aggregate data via these reports.

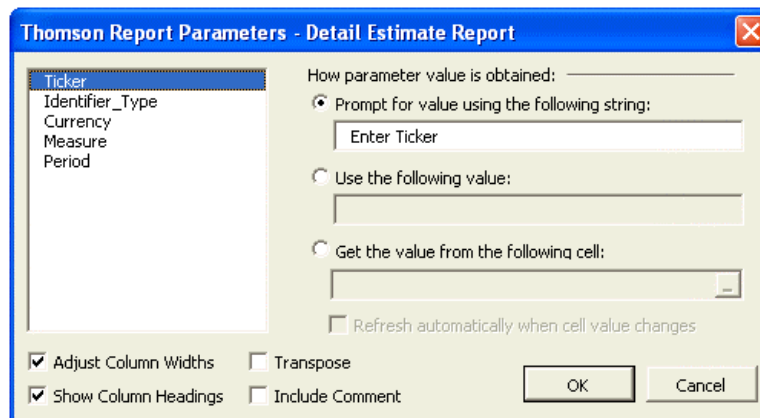
Broker Reports pull in data relating specifically to brokers. The reports included in version 2.1 of the product are Coverage List and Broker List. The Broker List report accepts a ticker parameter and returns all of the brokers that have submitted an estimate for that ticker. The Coverage List report accepts a Broker parameter and returns all of the equities followed by that broker.



Universal Selector Reports

Creating a Single Identifier Report:

1. Click the **Thomson** menu tab, and then select **Universal Selector**.
2. Click the **Reports** tab.
3. Select **Single Identifier** from the drop-down menu.
4. Click on your desired report and drag it to your Excel spreadsheet.
The Add-in Parameters window will open with parameters listed on the left-hand side.



The Thomson ONE Analytics Add-in Parameters window

5. Select a parameter from the left-hand menu and define it by using a string, entering a value, or getting a value from a cell reference in the right-hand menu.
 - **Prompt for value using the following string:** prompts you to enter a specific value each time the report is refreshed. You can select the string used in the prompt dialog box. The example above shows the following dialog box when the sheet is refreshed:
 - **Use the following value:** allows you to enter a specific value to be used in the report.
 - **Get the value from the following cell:** allows you to indicate a specific cell reference from which the report will pull the parameter value.

TIP: If you select a cell reference, you may want to check the **Refresh automatically when cell value changes** box. When checked, anytime the cell value changes, the report data will refresh. For example, if you had CSCO.US in cell A1 and you changed it to MSFT.US, the report will automatically refresh and retrieve the data associated with the new identifier.

6. Repeat step 5 for the remaining parameters in the left-hand box.

7. **General Report Options:** The checkboxes at the bottom of the Parameter Box allow you to select a few options for your report.
 - a. To adjust the cell width to fit the parameter value, click the **Adjust Column Widths** check box.
 - b. To see the column headings in your spreadsheet, click the **Show Column Headings** check box.
 - c. To pivot the data click the **Transpose** check box. This will pivot the data in the report so that rows become columns and columns become rows. For example, if you transpose a ticker list, the list will drop horizontally into your sheet instead of vertically.
 - d. To add a comment to your sheet that lists the type of report and the report parameters (see below), click the **Include Comment** check box.
8. Click **OK**. The report is entered into your spreadsheet.

Editing Report Parameters:

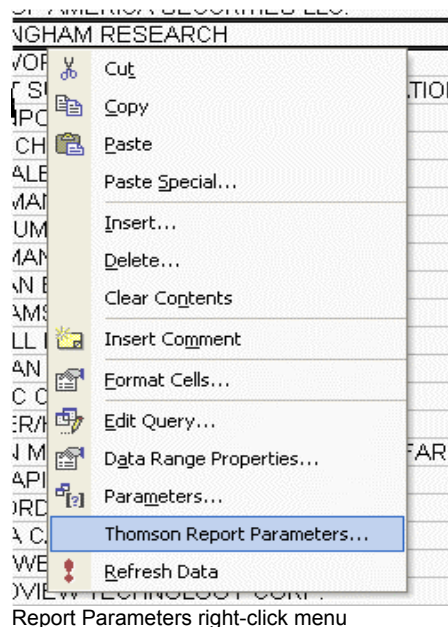
After you load a report into your Excel spreadsheet, you may edit the criteria or parameters in two ways:

1. Click the **Thomson** menu tab, and then select **Edit Report Parameters**.

OR

2. Right click anywhere in the report and click on **Thomson Report Parameters**.

TIP: To refresh your data, click the **Thomson** menu tab, and then click **Refresh**. Your data will be refreshed.

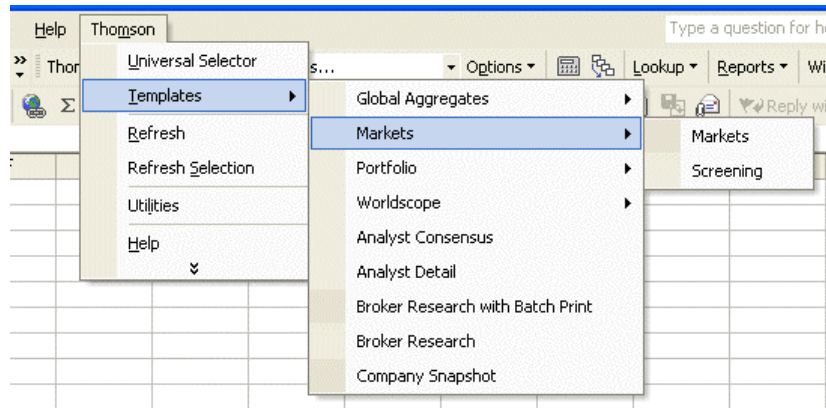


Templates

Templates are pre-formatted spreadsheets that often combine field level data, reports and user data to create a model or perform a specific analysis. You may use the templates provided or create your own templates and save them to a directory on your computer or a network drive. For more information on how to set up the network directory, see the **Utilities** section of the manual. You may also access new templates available on the Thomson ONE Analytics Web site (see the **Utilities** section).

Using a Template:

1. Click the **Thomson** menu tab and select **Templates**.
2. Select your desired template from the available list. The report is loaded into your spreadsheet.



Using Templates

TIPS :

- ◆ If your template includes research, you may view it (if you have a First Call Web username and password) by clicking on the research title.
- ◆ To change the ticker used for the template, click the cell containing the identifier and type your desired ticker. Click on the identifier type below the ticker and select your desired identifier by using the down arrow that will appear.
- ◆ To refresh the entire sheet, click the **Thomson** menu tab and select **Refresh**. Your data will be refreshed.
- ◆ To refresh the data in a subset of cells on your spreadsheet, highlight the group of cells, then click in the **Thomson** menu tab and select **Refresh Selection**. Only the cells in the highlighted area will be refreshed.

Editing a Template:

1. Click the **Thomson** menu tab and select **Templates**.
2. Select your desired template from the available list. Your selected report will be loaded into your spreadsheet.
3. To change the ticker used for the report, click the cell containing your identifier and type your desired ticker and identifier type. In the example below the identifier is located in cell A1. To delete data, highlight your desired row, click the right mouse button, and then select **Delete**.

The example below show the Quarterly rows being deleted from the Consensus Earnings Per Share Information section.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	6758.JP														Buy
3	Identifier Type	HOME CODE													
4	SONY CORPORATION														JP
5	Business Description Electronics Accounted For 63% Of Fiscal 2002 Revenues; Game, 13%; Music, 8%; Pictures, 8%; Financial Services, 8% And Other, 2%														
6															
7	Price Information														
8	11/28/02		52 Week High	52 Week Low								1 Month Ago	3 Months Ago		
9	\$380.00		7460.00	4810.00								\$300.00	\$440.00		
10															
11	Growth Rates and P/E Ratios														
12	Growth Rates	Company	Industry	Ind. Relative					P/E Ratios					Ind. Relative	
13	FY1FY0	1056.8	--	NA					FY0 200203					--	#VALUE!
14	FY2FY1	0.8	19.4	0.944					FY1 200303					44	0.914
15	FY3FY2	11.0	16.2	0.956					FY2 200403					64	1.077
16															
17	Consensus Earnings Per Share Information														
18									# of Estimates					Month Revisions	
19	Fiscal Period	Mean	High	Low	Median	CV		Company Industry						Mean % Chg	
20	FY1 200303	193.42	216.10	152.42	185.70	8.65		21						1	9.78
21	FY2 200403	194.92	244.70	132.80	186.90	15.22		21						3	3.21
22	FY3 200503	216.38	331.10	129.70	216.90	28.39		15						0	-0.64
23	Qtr1 --	--	--	--	--	--		--						--	--
24	Qtr2 --	--	--	--	--	--		--						--	--
25	Qtr3 --	--	--	--	--	--		--						--	--
26	Qtr4 --	--	--	--	--	--		--						--	--
27	Long Term Growth	70.20	76.20	64.20	70.20	12.08		2	5			1	0		4.39

Editing a Template

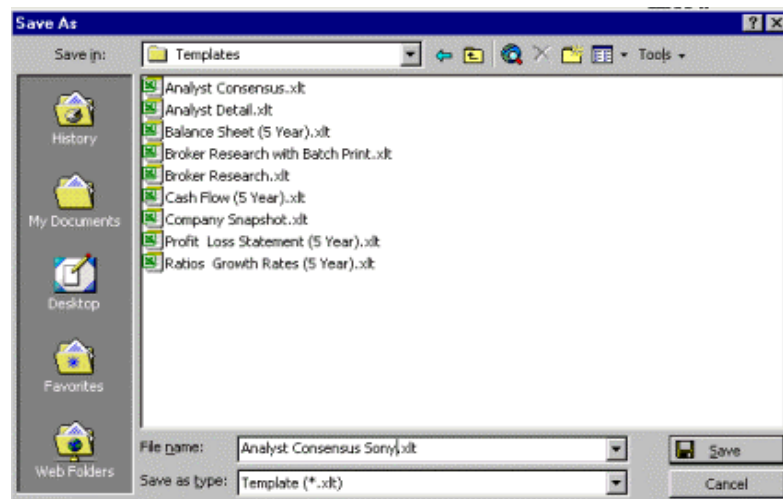
To save the new version, see “Saving a Template” below.

Saving a Template:

1. Either create a spreadsheet with embedded data using the universal selector or edit an existing template (see page 19).
2. Once you have a spreadsheet that you would like to make into a template, click the **File** menu tab, and then **Save As**.
3. Select “Template (*.xlt)” from the *Save As Type* drop-down menu.
4. Browse to your Templates directory, and then type your desired template name in the **Name** box.

TIP: To create your own Template directory, see **Utilities**.

5. Click **Save**.



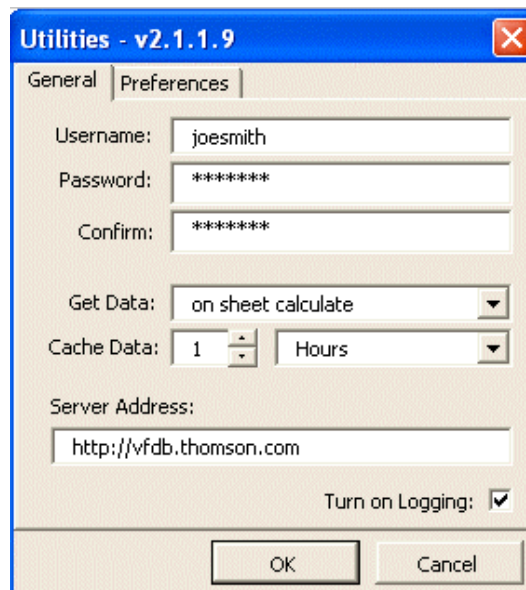
Saving a Template

Utilities

The Utilities dialog box allows you to set defaults and to edit basic user settings. There are two tabs in the dialog box, General and Preferences.

General Tab

This tab allows you to enter your username, password, and the server address (which should be <http://vfdb.thomson.com>).



Utilities – General Tab

Get Data – This setting determines when/how the data on your sheets will be refreshed. There are three options for this setting:

- **Manually:** When this option is selected, you must click the Refresh option in the Thomson menu.
- **On Sheet Change:** When this option is selected, the data on your sheet will be refreshed every time this “event” occurs. This “On Sheet Change” event occurs whenever a cell is entered and exited.
Note: This occurs *more* often than “On Sheet Calculate.”
- **On Sheet Calculate:** When this option is selected, the data on your sheet will be refreshed every time a function is calculated or changed in the spreadsheet.

Cache Data – This setting determines how long data retrieved from the Thomson ONE Analytics server will remain in your system memory. For example, if you set this to 1 hour and retrieve a FY1 EPS Consensus Mean for MSFT, this data will remain in your memory for 1 hour. If at any point in that hour, you access the FY1 EPS Consensus for MSFT

again, it will retrieve it from your computer's memory instead of making a request to the server. Once the set time has passed, if you try to retrieve this data again, the Add-in will re-query the servers for this data.

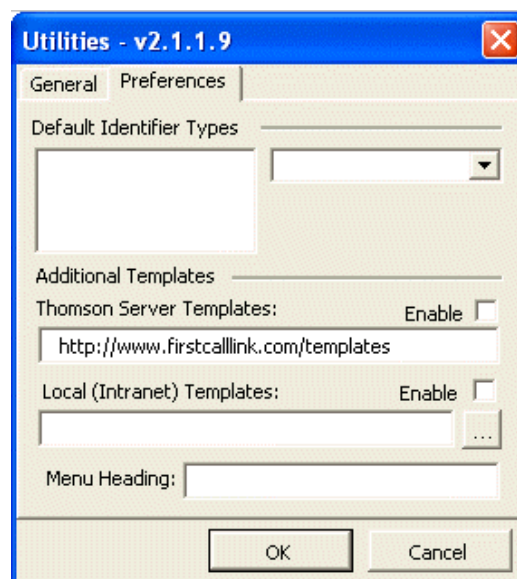
Preferences Tab

Default Identifier Types - allow you to set the default option for all Identifier Types. To set a default identifier type, follow the steps below:

1. Click on the Entity for which you would like to set a default for in the left hand list box.
2. The list box on the right will populate with the choices available for that Identifier Type.

Note: If only one option appears in the right drop down box, there is only one type of identifier for the selected entity.

3. In the example below, Stock type has been selected and Sedol has been selected as the default identifier type.



Utilities – General Tab

Additional Templates

1. **Thomson Server Templates** - Links out to the Thomson ONE Analytics web server for the most recent templates added by our Product Development group. These can be saved to your local directory.
2. **Local (Intranet) Templates** - You can set up a link to a network server so users may share their templates within your company. You can specify your menu heading. This menu heading appears on the Thomson menu within Excel.

Glossary

Dynamic Identifier Lists – A dynamic list embeds an identifier list into a spreadsheet. If any changes are made to the list, they are automatically reflected in your spreadsheet the next time it is refreshed.

CE Type – The compound entity type that indicates the type of field. It is automatically populated when the field is dropped onto the sheet.

Currency – A descriptor in the TFSingle parameter box. If this is left blank, the data is returned in the home currency of the company or aggregate. Otherwise, you may enter a specific currency code and all data returned will be converted to that currency.

Field – A descriptor in the TFSingle parameter box. This is the VFDB field name for the selected item and will be automatically populated by the universal selector.


Field Code – An option in the Universal Selector. Selecting this will display the VFDB code for the field in your spreadsheet instead of data.

Function – An option in the Universal Selector. Selecting this will ask you to redefine all parameters (i.e., Identifier, Identifier Type, etc.) each time you drag and drop a field onto your spreadsheet.

Identifier – A descriptor in the TFSingle parameter box. It is a symbol that identifies a specific stock, aggregate, etc.

Portfolio – Your Thomson ONE Analytics portfolio, which contains your predefined list of ticker interests and allows you to easily track movement and estimates.

Templates – Pre-formatted templates that combine field-level data, reports, and user data in an Excel spreadsheet.

Transpose – This option allows you to pivot the orientation of any data item, identifier or report when dragging/dropping onto a spreadsheet. 

Report Types

Single Identifier – A report that focuses on a single stock and/or time frame that you select. Some examples include detail estimate and historical price series.

Ticker List – A report that lists all of the tickers associated with a specific category. For example, the Country/Industry report lists all of the tickers followed by Thomson Financial within the selected the selected country and industry.

Smart Function – A Universal Selector option that remembers all parameters and eliminates the need to re-enter data each time you drag and drop a field into your spreadsheet.

Screening Criteria – Your Thomson ONE Analytics criteria-based searches. These searches take a “top-down” approach for quantitative company data and broker and analyst statistics.

VFDB – The Virtual Financial Database, Thomson’s proprietary data integration engine that incorporates business logic into data access.

Appendix A

Country Codes

When creating reports using the Country Fields in the Fields tab, you must use the Country Code ID in the TFSingle Formula to match the “COUNTRY” identifier type. Users should use the ISO Country code for the creation of Home Market Code (“HOMECODE”) for example, CSCO.US.

The following lists the countries and the ISO and the Country Code IDs:

Country Name	ISO Country Code	Country Code ID
Argentina	AR	LA
Austria	AU	EA
Australia	AT	AA
Bahamas	BS	BS
Bangladesh	BD	FB
Belgium	BE	EB
Botswana	BW	KB
Brazil	BR	LB
Bulgaria	BG	DB
Canada	CA	NC
Chile	CL	LC
China	CN	FC
Colombia	CO	LL
Croatia	HR	DC
Czech Republic	CZ	EC
Denmark	DK	SD
Egypt	EG	KE
Estonia	EE	DE
Finland	FI	SF
France	FR	EF
Germany	DE	ED
Ghana	GH	KJ
Greece	GR	EH
Hong Kong	HK	FH
Hungary	HU	EM
India	IN	FI
Indonesia	ID	FL
Ireland	IE	EZ
Israel	IL	FZ
Italy	IT	EI

Japan	JP	FJ
Jordan	DO	FR
Kenya	KE	KK
Korea	KR	FK
Latvia	LV	DK
Lebanon	LB	FX
Lithuania	LT	DL
Luxembourg	LU	EL
Malaysia	MY	FM
Mauritius	MU	KP
Mexico	MX	LM
Morocco	MA	KM
Netherlands	NL	EN
New Zealand	NZ	AN
Nigeria	NG	KN
Norway	NO	SN
Pakistan	PK	FQ
Papua New Guinea	PG	AP
Peru	PE	LP
Philippines	PH	FP
Poland	PL	EG
Portugal	PT	EP
Romania	RO	EK
Russia	RU	ER
Singapore	SG	FS
Slovakia	SK	DR
Slovenia	SI	DV
South Africa	ZA	KS
Spain	ES	EE
Sri Lanka	LK	BL
Sweden	SE	SS
Switzerland	CH	ES
Taiwan	TW	FA
Thailand	TH	FT
Turkey	TR	ET
Ukraine	UA	DU
United Arab Emirates	AE	FU
United Kingdom	GB	EX
United States of America	US	NA
Venezuela	VE	LV
World	WD	WL
Yugoslavia	YU	EJ
Zimbabwe	ZW	KR

Appendix B

Stock Identifier Types

When creating reports using the Stock Fields in the Fields tab, you must enter a market code identifier in the Drag-and-Drop Selector to match the “STOCK” identifier type. The following lists the Stock Identifier Type options:

Stock Identifier Type	Stock Identifier Type ID
Bloomberg	BLOOM
Bridge	BRIDGE
Canada	CANADA
Cusip	CUSIP
Datastream	DATASTR
Homecode*	HOMECODE
I/B/E/S/ Ticker	IBESTKR
Isin	ISIN
Sedol	SEDOL
Sedol7	SEDOL7

* Homecodes are the Add-in equivalent to Thomson ONE Analytics local market tickers and the ISO country codes. For example, Thomson ONE Analytics uses “MSFT,” while the Add-in uses “MSFT.US.”

Appendix C

Measure Codes

When selecting forecast items, you see the codes for a specific measure not the description of the measure:

Measure ID	Measure Description
BPS	Book Value per Share
CPS	Cash Flow per Share
DPS	Dividend per Share
EBG	Earnings before Goodwill
EBIT	EBIT
EBITDA	EBITDA
EPS	Earnings per Share
FFO	Funds from Operations
NDT	Net Debt
Net Inc	Net Income
NAV	Net Asset Value
OPR	Operating Profit
PBT	Profit Before Tax
RECS	Recommendations
ROA	Return on Assets
ROE	Return on Equity
SAL	Sales

Appendix D

Currency Codes

The following lists available currency codes, long and short names available:

Currency Code	Currency Long Name	Currency Short Name
AED	U.A.E. Dirham	Dirham
ARS	Argentine Peso	Peso
ATS	Austr. Shilling	Shilling
AUD	Australian \$	Dollar
BDT	Bangladesh Taka	Taka
BEF	Belgian Franc	Franc
BGL	Bulgarian Lev	Lev
BPN	British Pence	Pence
BRL	Real	Real
BSD	Bahamas \$	Dollar
BWP	Botswanan Pula	Pula
CAD	Canadian \$	Dollar
CHF	Swiss Franc	Franc
CLP	Chilean Peso	Peso
CNY	China Renminbi	Renminbi
COP	Colombian Peso	Peso
CYP	Cypriot Pound	Cypriot Pound
CZK	Czech Koruna	Koruna
DEM	Deutsch Mark	Mark
DKK	Danish Krone	Krone
DSE	Datastream EURO Synthet	Datastream EURO Synthetic
ECN	euro cent	Euro Cent
EEK	Estonian Kroon	Kroon
EGP	Egyptian Pound	Pound
ESP	Spanish Peseta	Peseta
EUR	euro	Euro
FIM	Finnish Markka	Markka
FRF	French Franc	Franc
GBP	British Pound	Pound
GHC	Ghanian Cedi	Cedi
GRD	Greek Drachma	Drachma
HKD	Hong Kong \$	Dollar
HRK	Croatian Kruna	Kruna
HUF	Hungarian Forint	Forint
IDR	Indones. Rupiah	Rupiah

IEP	Irish Punt	Punt
ILS	Israeli Shekel	Shekel
INR	Indian Rupee	Rupee
IPN	Irish Pence	Pence
ITL	Italian Lira	Lira
JOD	Jordanian Dinar	Dinar
JPY	Japanese Yen	Yen
KES	Kenyan Shilling	Shilling
KRW	S. Korean Won	Won
LBP	Lebanese Pound	Pound
LKR	Sri Lanka Rupee	Rupee
LTL	Lithuanian Litas	Litas
LUF	Luxembourg Franc	Franc
LVL	Latvian Lat	Lat
MAD	Moroccan Dirham	Dirham
MUR	Mauritius Rupee	Rupee
MXN	Mexican Peso	Peso
MYR	Malays. Ringgit	Ringgit
NGN	Nigerian Naira	Naira
NLG	Nether. Guilder	Guilder
NOK	Norwegian Krone	Krone
NZD	New Zealand \$	Dollar
PEN	Peruvian Soles	Soles
PGK	Papua New Guinea Kina	Kina
PHP	Philip. Peso	Peso
PKR	Pakistan Rupee	Rupee
PLN	Polish Zloty	Zloty
PTE	Portug. Escudo	Escudo
ROL	Romanian Leu	Leu
RUB	New Rouble	Rouble
SEK	Swedish Krona	Krona
SGD	Singapore \$	Dollar
SIT	Slovenian Tolar	Tolar
SKK	Slovakian Koruna	Koruna
THB	Thailand Baht	Baht
TRL	Turkish Lira	Lira
TWD	Taiwan \$	Dollar
UDT	\$U.S./1000 Shrs	\$U.S./1000 Shrs
UKR	Ukrainian Hryvnia	Hryvnia
USD	U.S. Dollar	Dollar
VEB	Venez. Bolivar	Bolivar
XEU	European Currency Unit	ECU
YUN	Yugo. New Dinar	New Dinar
ZAR	S. African Rand	Rand
ZWD	Zimbabwe Dollar	Dollar

Appendix E

Entity/Dimension Relationships

When selecting forecast items, you see the codes for a specific measure not the description of the measure:

TIMESERIES: used for Historical Price Fields. Dimensions are “Date type, Stock identifier.”

- **Date Type:** values are **DATE** and **RELDATE**.
 - **DATE:** requires a specific date – 01/05/2003
 - **RELDATE:** accepts a relative data convention
 - D-1 translates into yesterday
 - M-2 translates into two months ago
 - Y-1 translates into 1 year ago
- **Stock Identifier:** for acceptable values see **Appendix B**

STOCKYEAR: used for Stock Fields (By Year). Dimensions are “Stock identifier, Year.”

- **Stock Identifier:** for acceptable values see **Appendix B**
- **Year:** accepts a specific year in YYYY format

ESTIMATE: used for Estimate Fields. Dimensions are “Broker identifier, Stock identifier.”

- **Broker Identifier:** value is **BROKER** and acceptable values are broker codes. Specific broker codes can be found by searching on Broker name under the identifiers tab.
- **Stock Identifier:** for acceptable values see **Appendix B**